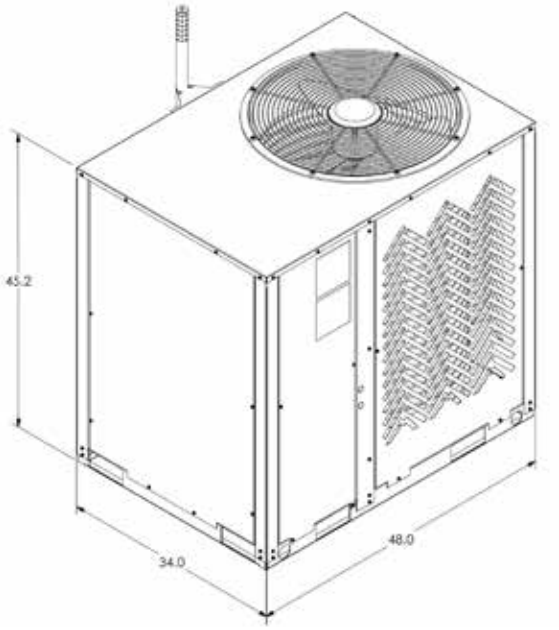
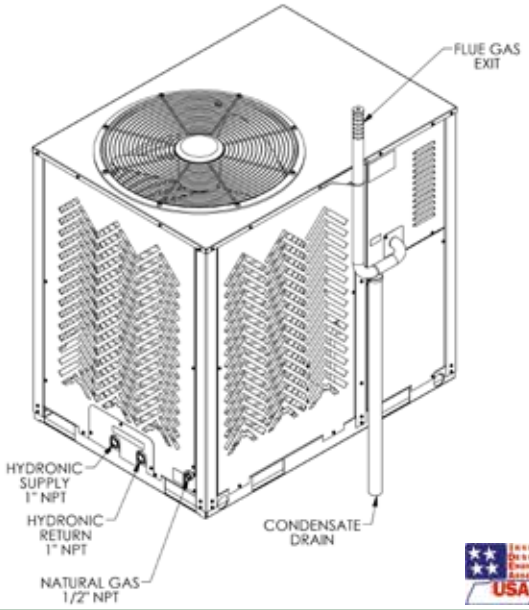
GAS HEAT PUMP - ANESI HP80

- 140% AFUE lowers gas use up to 50% and reduces CO2 emissions
- Provides comfortable space heating down to -40° F/C, without need for backup
- Variable speed evaporator fan and 4:1 modulated burner optimize efficiency
- Sealed system contains a natural refrigerant (R717) with zero global warming potential (GWP) and no PFAS
- Ultra-Low NOx compliant, environmentally-friendly gas burner
- Uses existing 120V / 15A circuits
- Rear water & gas connections with built-in isolation valves
- Remote system monitoring for homeowners and installation professionals
- Steel base with built-in fork pockets for easy transport & placement

TECHNICAL DATA	UNIT	VALUE
Heating Capacity*	BTU/h	78,000
CoP (Higher Heating Value)*		1.43
Max Return Temp (at full fire)	° F/C	132/55.6
Max Return Temp (at min fire)	° F/C	142/61.1
Delta T (full fire)	° F/C	20/6.7
Gas Input (Higher Heating Value)	BTU/h	54,500
Modulation (fully variable)		4:1
Combustion		Condensing
NOx Compliance (Ultra-Low NOx)	ng/J	<14
Nominal Hydronic Flow	gpm/lpm	8.5/30
Hydronic Pressure Drop (Nominal Condition)	psi/kPa	5/34.5
Glycol Concentration**		40%
Ambient Temp (min—max)	° F/C	-40 to 130/-40 to 54
Voltage	VAC	115
Maximum Power	Amp	7
Length	in/cm	48/121.9
Width	in/cm	34/86.4
Height || Height with Flue	in/cm	45.2/114.8 || 56.5/143.5
Weight	lbs/kg	550/249.5
Hydronic Connection FNPT - dia	in/cm	1/2.5
Gas Connections FNPT - dia	in/cm	0.5/1.3
Electrical Knockouts (x2) - dia	in/cm	0.5/1.3
Refrigerant		R717
CTA2045 Compliance	Future release	
Communications Capabilities	MODBUS, Cellular	
Certification	ETL per ANSI Z21.40.1/CGA 2.91	

*Performance at standard ANSI rating conditions of 47°F ambient, 95°F return
**Most installations





Technical data subject to change